

Docket No.: 5999-0526PUS3  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

---

In re Patent Application of:  
Louise EDWARDS et al.

Application No.: 10/588,751

Confirmation No.: 4520

Filed: March 13, 2007

Art Unit: 1614

For: TRIAZOLE COMPOUNDS AND THEIR USE  
AS METABOTROPIC GLUTAMATE  
RECEPTOR ANTAGONISTS

---

Examiner: Not Yet Assigned

**REQUEST FOR CORRECTED FILING RECEIPT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant hereby requests that a corrected Filing Receipt be issued in the above-identified patent application. The official Filing Receipt received by Applicant, a copy of which is attached hereto, has

The third Applicant's residency address is incorrect as follows: Sodertalje, SWEDEN instead of: Lund, SWEDEN;

and

The first Assignee's name is incorrect as follows: AstraZeneca AB instead of AstraZeneca.

It is respectfully requested that the U.S. Patent and Trademark Office forward/issue a new Filing Receipt with the corrections indicated above. Support for the corrections is readily apparent on the enclosed photocopy of the Declaration and Power of Attorney document.

Dated: July 24, 2007

Respectfully submitted,

By   
Andrew D. Meikle  
Registration No.: 32,868  
BIRCH, STEWART, KOLASCH & BIRCH, LLP  
8110 Gatehouse Road  
Suite 100 East  
P.O. Box 747  
Falls Church, Virginia 22040-0747  
(703) 205-8000  
Attorney for Applicant



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPL NO.	FILING OR 371(C) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	TOT CLMS	IND CLMS
10/588,751	03/13/2007	1614	2140	5999-0526PUS3	24	1

## CONFIRMATION NO. 4520

54080  
 BIRCH, STEWART, KOLASCH & BIRCH, LLP  
 P.O. BOX 747  
 8110 GATEHOUSE ROAD, SUITE 500 EAST  
 FALLS CHURCH, VA 22040-0747

## FILING RECEIPT



\*OC000000023590248\*

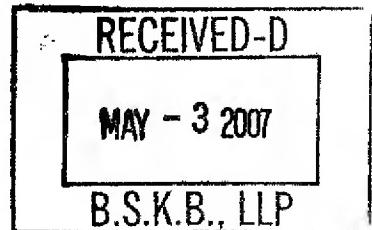
Date Mailed: 05/02/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Louise Edwards, Toronto, CANADA;  
 Methvin Isaac, Brampton, CANADA;  
 Martin Johansson, Sodertalje, SWEDEN;  
 Johan Malmberg, Sodertalje, SWEDEN;  
 Alexander Minidis, Sodertalje, SWEDEN;  
 Karin Staaf, Sodertalje, SWEDEN;  
 Abdelmalik Slassi, Mississauga, CANADA;  
 David Wensbo, Sodertalje, SWEDEN;  
 Tao Xin, Woodbridge, CANADA;  
 Tomislav Stefanac, Burlington, CANADA;

Lund, SWEDEN



## Assignment For Published Patent Application

AstraZeneca AB  
 AstraZeneca AB, Sodertalje, SWEDEN  
 NPS PHARMACEUTICALS, INC., Salt Lake City, UT

AstraZeneca AB

Power of Attorney: The patent practitioners associated with Customer Number 54080.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US05/05200 02/17/2005  
 which claims benefit of 60/545,289 02/18/2004

## Foreign Applications

If Required, Foreign Filing License Granted: 04/27/2007

**The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US10/588,751**

**Projected Publication Date:** 08/09/2007

**Non-Publication Request:** No

**Early Publication Request:** No

**Title**

Triazole compounds and their use as metabotropic glutamate receptor antagonists

**Preliminary Class**

514

### **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

---

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

## BIRCH, STEWART, KOLASCH &amp; BIRCH, LLP

**PLEASE NOTE:**  
**YOU MUST**  
**COMPLETE THE**  
**FOLLOWING**

P.O. Box 747 • Falls Church, Virginia 22040-0747  
 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Insert Title:** TRIAZOLE COMPOUNDS AND THEIR USE AS METABOTROPIC GLUTAMATE RECEPTOR ANTAGONISTS  
 the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:

**Fill in Appropriate Information -**  
 The specification was filed on 08/08/2006 as United States Application Number \_\_\_\_\_;  
 and amended on 08/08/2006 (if applicable) and/or .

**For Use Without Specification Attached:**  
 the specification was filed on 02/17/2005 as PCT International Application Number PCT/US2005/005200;  
 and was amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<b>Insert Priority Information (if appropriate)</b>	<b>Prior Foreign Application(s)</b>			<b>Priority Claimed</b>	
	(Number)	(Country)	(Month/Day/Year Filed)	Yes	No
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.

<b>Insert Provisional Application(s): (if any)</b>	<b>60/545,289</b>	<b>February 18, 2004</b>
	(Application Number)	(Filing Date)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

<b>Insert Requested Information (if appropriate)</b>	<b>Country</b>	<b>Application Number</b>	<b>Date of Filing (Month/Day/Year)</b>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<b>Insert Prior U.S. Application(s): (if any)</b>	<b>(Application Number)</b>	<b>(Filing Date)</b>	<b>(Status – patented, pending, abandoned)</b>

I hereby appoint the practitioners at CUSTOMER NO. 54080 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary.

Send Correspondence to:

**CUSTOMER NO. 54080; (BIRCH, STEWART, KOLASCH & BIRCH, LLP)**  
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

**PLEASE NOTE:  
YOU MUST  
COMPLETE  
THE  
FOLLOWING:**

↓

Full Name of First  
or Sole Inventor:  
Insert Name of  
Inventor  
Insert Date This  
Document is Signed

Insert Residence  
Insert Citizenship

Insert Post Office  
Address

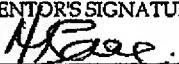
Full Name of Second  
Inventor, if any;  
see above

Full Name of Third  
Inventor, if any;  
see above

Full Name of Fourth  
Inventor, if any;  
see above

Full Name of Fifth  
Inventor, if any;  
see above

Full Name of Sixth  
Inventor, if any;  
see above

GIVEN NAME/FAMILY NAME Louise EDWARDS	INVENTOR'S SIGNATURE 	DATE* Aug 30/06
Residence (City, State & Country) Toronto, Canada		CITIZENSHIP Canada
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o NPS Allelix Corp.; 101 College Street, 8th Floor, Toronto, Ontario M5G 1L8; CANADA		
GIVEN NAME/FAMILY NAME Methvin ISAAC	INVENTOR'S SIGNATURE 	DATE* Aug 20/06
Residence (City, State & Country) Brampton, Canada		CITIZENSHIP Canada
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o NPS Allelix Corp.; 101 College Street, 8th Floor, Toronto, Ontario M5G 1L8; CANADA		
GIVEN NAME/FAMILY NAME Martin JOHANSSON	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country) Södertälje, Sweden		CITIZENSHIP Sweden
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o AstraZeneca R&D Södertälje; SE-151 85 Södertälje; SWEDEN		
GIVEN NAME/FAMILY NAME Johan MALMBERG	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country) Södertälje, Sweden		CITIZENSHIP Sweden
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o AstraZeneca R&D Södertälje; SE-151 85 Södertälje; SWEDEN		
GIVEN NAME/FAMILY NAME Alexander MINIDIS	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country) Södertälje, Sweden		CITIZENSHIP Sweden
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o AstraZeneca R&D Södertälje; SE-151 85 Södertälje; SWEDEN		
GIVEN NAME/FAMILY NAME Karin STAAF	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country) Södertälje, Sweden		CITIZENSHIP Sweden
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o AstraZeneca R&D Södertälje; SE-151 85 Södertälje; SWEDEN		

\*DATE OF SIGNATURE

Full Name of Seventh Inventor, if any; see above	GIVEN NAME/FAMILY NAME Abdelmalik SLASSI	INVENTOR'S SIGNATURE	DATE* <i>Aug. 30/06</i>
	Residence (City, State & Country) Mississauga, Canada	CITIZENSHIP Canada	
	MAILING ADDRESS (Complete Street Address including City, State & Country) c/o NPS Allelix Corp.; 101 College Street, 8th Floor, Toronto, Ontario M5G 1L8; CANADA		
Full Name of Eighth Inventor, if any; see above	GIVEN NAME/FAMILY NAME David WENSBO	INVENTOR'S SIGNATURE	DATE*
	Residence (City, State & Country) Södertälje, Sweden	CITIZENSHIP Sweden	
	MAILING ADDRESS (Complete Street Address including City, State & Country) c/o AstraZeneca R&D Södertälje; SE-151 85 Södertälje; SWEDEN		
Full Name of Ninth Inventor, if any; see above	GIVEN NAME/FAMILY NAME Tao XIN	INVENTOR'S SIGNATURE	DATE* <i>Aug 30, 2006</i>
	Residence (City, State & Country) Woodbridge, Canada	CITIZENSHIP Canada	
	MAILING ADDRESS (Complete Street Address including City, State & Country) c/o NPS Allelix Corp.; 101 College Street, 8th Floor, Toronto, Ontario M5G 1L8; CANADA		
Full Name of Tenth Inventor, if any; see above	GIVEN NAME/FAMILY NAME Tomislav STEFANAC	INVENTOR'S SIGNATURE	DATE* <i>Tomislav Stefanac</i> <i>Aug. 30, 2006</i>
	Residence (City, State & Country) Burlington, Canada	CITIZENSHIP Canada	
	MAILING ADDRESS (Complete Street Address including City, State & Country) c/o NPS Allelix Corp.; 101 College Street, 8th Floor, Toronto, Ontario M5G 1L8; CANADA		
Full Name of Eleventh Inventor, if any; see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
	Residence (City, State & Country)	CITIZENSHIP	
	MAILING ADDRESS (Complete Street Address including City, State & Country)		
Full Name of Twelfth Inventor, if any; see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
	Residence (City, State & Country)	CITIZENSHIP	
	MAILING ADDRESS (Complete Street Address including City, State & Country)		
Full Name of Thirteenth Inventor, if any; see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
	Residence (City, State & Country)	CITIZENSHIP	
	MAILING ADDRESS (Complete Street Address including City, State & Country)		

\*DATE OF SIGNATURE

161392-3 US  
NEW

Attorney Docket No. 5999-0526PUS3

## BIRCH, STEWART, KOLASCH & BIRCH, LLP

PLEASE NOTE:  
YOU MUST  
COMPLETE THE  
FOLLOWING

P.O. Box 747 • Falls Church, Virginia 22040-0747  
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

### COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated next to my name; that I verify believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title: TRIAZOLE COMPOUNDS AND THEIR USE AS METABOTROPIC GLUTAMATE RECEPTOR ANTAGONISTS  
the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:

Fill in Appropriate Information - The specification was filed on 08/08/2006 as United States Application Number                    ;  
and amended on 08/08/2006 (if applicable) and/or

For Use Without Specification Attached: the specification was filed on 02/17/2005 as PCT International Application Number PCT/US2005/005200 ;  
and was amended on                    (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
(Number)	(Country)	(Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<u>                  </u>	<u>                  </u>	<u>                  </u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>                  </u>	<u>                  </u>	<u>                  </u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>                  </u>	<u>                  </u>	<u>                  </u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>                  </u>	<u>                  </u>	<u>                  </u>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.

Insert Provisional Application(s): 60/545,289 February 18, 2004  
(if any) (Application Number) (Filing Date)

(Application Number) (Filing Date)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

Insert Requested Information (if appropriate) Country Application Number Date of Filing (Month/Day/Year)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S. Application(s): (Application Number) (Filing Date) (Status - patented, pending, abandoned)  
(if any) (Application Number) (Filing Date) (Status - patented, pending, abandoned)

I hereby appoint the practitioners at CUSTOMER NO. 54080 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

**CUSTOMER NO. 54080; (BIRCH, STEWART, KOLASCH & BIRCH, LLP)**  
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE:  
YOU MUST  
COMPLETE  
THE  
FOLLOWING:  
↓

Full Name of First  
or Sole Inventor:  
Insert Name of  
Inventor →  
Insert Date This  
Document is Signed

Insert Residence

Insert Post Office  
Address →

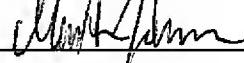
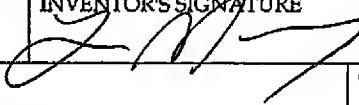
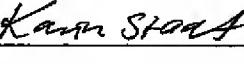
Full Name of Second  
Inventor, if any;  
see above

Full Name of Third  
Inventor, if any;  
see above

Full Name of Fourth  
Inventor, if any;  
see above

Full Name of Fifth  
Inventor, if any;  
see above

Full Name of Sixth  
Inventor, if any;  
see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Louise EDWARDS		
Residence (City, State & Country) Toronto, Canada		CITIZENSHIP Canada
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o NPS Allelix Corp.; 101 College Street, 8th Floor, Toronto, Ontario M5G 1L8; CANADA		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Methvin ISAAC		
Residence (City, State & Country) Brampton, Canada		CITIZENSHIP Canada
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o NPS Allelix Corp.; 101 College Street, 8th Floor, Toronto, Ontario M5G 1L8; CANADA		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Martin JOHANSSON		4/9-2006
Residence (City, State & Country) Lund, Sweden		CITIZENSHIP Sweden
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o Respiratorius, Magistratsvägen 10, 226 43 Lund		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Johan MALMBERG		13/9-2006
Residence (City, State & Country) Södertälje, Sweden		CITIZENSHIP Sweden
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o AstraZeneca R&D Södertälje; SE-151 85 Södertälje; SWEDEN		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Alexander MINIDIS		Sgt 11/10/2006
Residence (City, State & Country) Södertälje, Sweden		CITIZENSHIP Sweden
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o AstraZeneca R&D Södertälje; SE-151 85 Södertälje; SWEDEN		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Karin STAAF		Sept 12th, 2006
Residence (City, State & Country) Södertälje, Sweden		CITIZENSHIP Sweden
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o AstraZeneca R&D Södertälje; SE-151 85 Södertälje; SWEDEN		

Full Name of Seventh Inventor, if any: see above	GIVEN NAME/FAMILY NAME  Abdelmalik SLASSI	INVENTOR'S SIGNATURE	DATE*
	Residence (City, State & Country)  Mississauga, Canada		CITIZENSHIP  Canada
MAILING ADDRESS (Complete Street Address including City, State & Country)  c/o NPS Allelix Corp.; 101 College Street, 8th Floor, Toronto, Ontario M5G 1L8; CANADA			
Full Name of Eighth Inventor, if any: see above	GIVEN NAME/FAMILY NAME  David WENSBO	INVENTOR'S SIGNATURE 	DATE* <i>Sep 12 6 2008</i>
	Residence (City, State & Country)  Södertälje, Sweden		CITIZENSHIP  Sweden
MAILING ADDRESS (Complete Street Address including City, State & Country)  c/o AstraZeneca R&D Södertälje; SE-151 85 Södertälje; SWEDEN			
Full Name of Ninth Inventor, if any: see above	GIVEN NAME/FAMILY NAME  Tao XIN	INVENTOR'S SIGNATURE	DATE*
	Residence (City, State & Country)  Woodbridge, Canada		CITIZENSHIP  Canada
MAILING ADDRESS (Complete Street Address including City, State & Country)  c/o NPS Allelix Corp.; 101 College Street, 8th Floor, Toronto, Ontario M5G 1L8; CANADA			
Full Name of Tenth Inventor, if any: see above	GIVEN NAME/FAMILY NAME  Tomislav STEFANAC	INVENTOR'S SIGNATURE	DATE*
	Residence (City, State & Country)  Burlington, Canada		CITIZENSHIP  Canada
MAILING ADDRESS (Complete Street Address including City, State & Country)  c/o NPS Allelix Corp.; 101 College Street, 8th Floor, Toronto, Ontario M5G 1L8; CANADA			
Full Name of Eleventh Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
	Residence (City, State & Country)		CITIZENSHIP
MAILING ADDRESS (Complete Street Address including City, State & Country)			
Full Name of Twelfth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
	Residence (City, State & Country)		CITIZENSHIP
MAILING ADDRESS (Complete Street Address including City, State & Country)			
Full Name of Thirteenth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
	Residence (City, State & Country)		CITIZENSHIP
MAILING ADDRESS (Complete Street Address including City, State & Country)			